

ABSTRACT

A vortex generator creates a waveform within a housing. The waveform evolves into a vortex as it exits an orifice of the housing. The vortex carries a bolus of active substances held within the housing. A different number of actives can be used. To form a waveform, the housing has a diaphragm with an actuator for moving the diaphragm. The housing may have a mechanism for facilitating directional pointing and/or causing oscillating movement of the housing to enable multi-directional targeting of the vortex.